Candidate supervisor's information summary form
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Katarzyna Michalska, PhD, D.Sc, Prof. SGGW	
Academic discipline/disciplines	agriculture and horticulture
Professional development (degrees and titles) in chronological order	• 2014 Habilitation. D.Sc, Agriculture and Horticulture, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences, • 1997 PhD, Agriculture/ Horticulture, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences • 1985 MSc, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences
Most important publications/ patents in the last 3 years (maximum 10)	**Michalska K**, Máca J, Ibrahim MA, Mácová A, Svoboda S. Hrček J, Kozłowski MW, Wakuliński W, Soika G. Is the *Drosophila montium* species group knocking on the doors of Europe? The case of the Asian fruit fly, *Drosophila triauraria*. BioInvasions Records**, 2025**, in press **Michalska K**, Ibrahim MA, Martyka M, Marcin Studnicki M, Soika G. Diversity and abundance of drosophilid fruit flies and other insects in compost piles. Journal of Plant Protection Research, **2025**, in press Jena, M.K., **Michalska, K**., Studnicki, M. The effect of stages of *Blattisocius mali* (Acari: Blattisociidae) on its functional response while preying on the acarid mite *Tyrophagus putrescentiae*. Systematic and Applied Acarology, **2025**, 30 (1):181–195 Jena, M.K., **Michalska, K**., Studnicki, M. The impact of humidity on the functional response of Blattisocius Mali (Acari: Blattisociidae) preying on the acarid mite *Tyrophagus putrescentiae*. Scientific Reports, **2024**, 14, 28051 **Michalska K,** Ziółkowska K, Radziejewska A. K, Studnicki M, Ibrahim MA. Distribution and survival of the predatory mite *Blattisocius mali* on cucumber leaves with the addition of bran, yeast and pollen. Journal of Plant Protection Research, **2024,** 64(2):178-188 **Michalska K,** Jena MK, Mrowińska A, Nowakowski P, Maciejewska D, Ziółkowska K, Studnicki M, Wit M. Preliminary studies on the predation of the mite *Blattisocius mali* (Acari: Blattisociidae) on various life

	stages of spider mites, thrips and fruit flies. Insects , **2023**, 14, 747. **Michalska K,** Mrowińska A, Studnicki M, Jena MK. Feeding behaviour of the mite *Blattisocius mali* on eggs of the fruit flies *Drosophila melanogaster* and *D. hydei.* Diversity **2023**, 15 (5), 652 **Michalska K,** Mrowińska A, Studnicki M. Ectoparasitism of the flightless *Drosophila melanogaster* and *D. hydei* by the mite *Blattisocius mali* (Acari: Blattisociidae). Insects, **2023,** 14, 146.
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	Supervisor of two PhD students at the doctoral school of the Warsaw University of Life Sciences 1. Manoj Kumar Jena, MSc, 2022-2026 2. Muhammad Arslan Ibrahim, MSc, 2023-2027
Achievements in the area of projects/grants (in the last 5 years)	Project leader in 3 grants from the State Committee for Scientific Research (KBN): 1991-1994 (No. 50842 91 01); 1999-2001 (No. 5 PO6C 014 17); 2006-2009 (No. 2PO4C 025 30) 2011 – 2014 Warsaw Plant Health Initiative. EC FP7 (286093. REGPOT-CT_2011-WULS Plant Health). Project participant
Subject area of the research project for which the candidate student is being recruited	Research focuses on the specificity and complexity of the associations between predatory mites and fruit flies (Drosophilidae) in composters. The particular emphasis will be placed on the study of alien and/or invasive species of fruit flies, potential pests in crops. Planned research includes faunistic studies of mites and the fruit flies that carry them in composters, both in urban and natural environments, observations on behaviors related to the phoresy of predatory mites on fruit flies, assessment of the mortality of adult flies carrying predatory mites, as well as life tables and predation rates of mites on the juvenile stages of fruit flies. A preliminary assessment of the potential for predatory mites to transfer microorganisms, which serve as food for fruit flies and are responsible for fermentation processes in composters, is also planned
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